

XP-002313071

AN - 86:159886 CA  
ED - Entered STN: 12 May 1984  
TI - Brazing alloy for heat-resistant alloys  
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SO - U.S.S.R.  
From: Otkrytiya, Izobret., Prom. Obraztsy, Tovarnye Znaki 1976, 53(36),  
27-8.  
CODEN: URXXAF  
DT - Patent  
LA - Russian  
IC - B23K035-30  
CC - 56-9 (Nonferrous Metals and Alloys)  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PN -	SU529924	T	19760930	SU 1975-2131934	19750507
PRAI-	SU 1975-2131934	A	19750507		

CLASS

	PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
SU 529924	IC	B23K035-30	
AB -	To increase the high-temp. strength and heat resistance of joints, W, Mo, Zr, Ce, and V are added. A typical brazing alloy [62388-73-2] contains W 4.27-8.8, Mo 0.54-1.9, Zr 0.018-0.032, Ce 0.009-0.016, Y 0.005-0.008, Pd 20-55, Cr 3.6-7.6, Al 2.3-4.8, Mn 0.18-0.32, C 0.06-0.16, Co 4.05-8.4, Si 0.18-0.32, Ti 0.9-2.3, Nb 0.36-0.96, Fe 0.45-0.8, B 0.016-0.028 wt.%, and balance Ni.		
ST -	nickel palladium brazing alloy		
IT -	Solders (brazes, nickel-palladium alloys, heat- and oxidn. resistant)		
IT -	62388-73-2 RL: USES (Uses) (for brazes with heat and oxidn. resistance)		
IT -	7440-45-1, properties 7440-65-5, properties 7440-67-7, properties RL: PRP (Properties) (heat and oxidn. resistance of nickel-palladium alloy brazes contg.)		